



Association of American
State Geologists



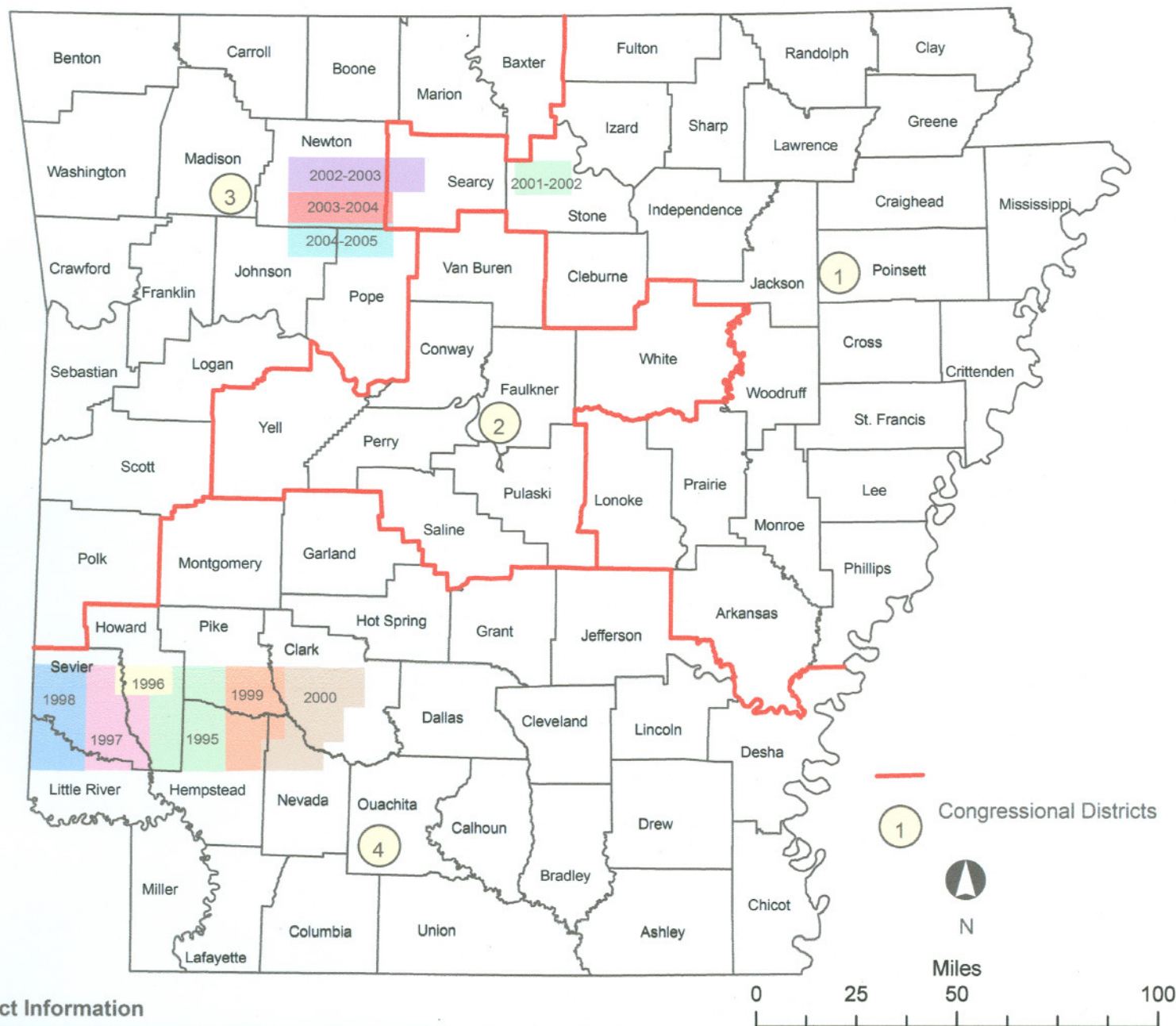
United States
Geological Survey



National Cooperative Geologic Mapping Program

STATEMAP Component: States compete for federal matching funds for geologic mapping

Areas and years where STATEMAP Projects have taken place.



Contact Information

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<http://hcgmp.usgs.gov/>

SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN ARKANSAS

| Year | Project Title | State Dollars | Federal Dollars | Total Project Dollars |
|-----------|--|------------------|--------------------|--------------------------|
| 1995-96 | Murfreesboro, Nathan, Nashville, McCaskill, Mineral Springs North, Mineral Springs South, Columbus, and Washington 7.5-min Quadrangles | \$33,987 | \$25,000 | \$58,987 |
| 1996-97 | Center Point and Dierks 7.5-min Quadrangles | \$13,037 | \$10,000 | \$23,037 |
| 1997-98 | Geneva, Lockesburg, Silver Ridge, Falls Chapel, and Ben Lomond 7.5-min Quadrangles | \$43,410 | \$41,210 | \$84,620 |
| 1998-99 | DeQueen, Chapel Hill, Horatio, Cerrogordo, Arkinda, Winthrop 7.5-min Quadrangles | \$40,889 | \$40,825 | \$81,714 |
| 1999-2000 | Antoine, Delight, Pisgah, Piney Grove, and Blevins 7.5-min Quadrangles | \$38,327 | \$38,311 | \$76,638 |
| 2000-2001 | Arkadelphia, Hollywood, Okolona North, Okolona South, Gurdon, Prescott East, and Prescott West 7.5 Quadrangles | \$42,292 | \$38,110 | \$80,402 |
| 2001-2002 | Onia and Fifty-Six 7.5 Quadrangles | \$46,437 | \$45,377 | \$91,814 |
| 2002-2003 | Parthenon, Mt. Judea, Eula, and Snowball 7.5-min Quadrangles | \$52,160 | \$50,595 | \$114,951 |
| 2003-2004 | Deer, Lurton, and Moore 7.5-min Quadrangles | \$49,760 | \$48,865 | \$98,625 |
| | TOTALS | \$326,312 | \$313,293 | \$651,801 |

The Arkansas Geological Commission is an active participant in the STATEMAP part of the National Cooperative Geological Mapping Program (NCGMP), having participated since 1995. Arkansas recognizes the importance of geological mapping as a tool for decision makers who have a need to understand the nature, composition, and distribution of earth materials.

Geologic mapping has been and is an important information gathering tool. This information is used for informed decision making and for the protection of the state's resources. The more accurate the geologic information is the better developers and planners decision making abilities can be to protect the environment and serve the public equally.

The geologic map of the Deer, AR quadrangle has proven to be of great importance by the Ozark National Forest in the location and documentation of springs, caves, and other karst features in a portion of the Big Creek drainage basin in the fall of 2004. The map significantly improved the efficiency of the program by allowing the field teams to focus on the stratigraphic horizons capable of producing solution features and springs. This documentation project was carried out by the Arkansas Association of Cave Studies under contract with the Ozark National Forest.

Since Arkansas began its participation in the STATEMAP program, it has completed 42 surficial maps at a scale of 1:24,000. Three more 7.5 minute quadrangles in the north-central Arkansas will be completed by July 1, 2005.

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